

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

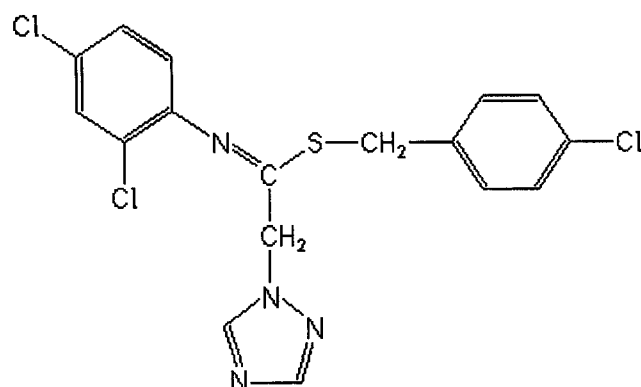
Analyte: Imibenconazole

CAS No.: 86598-92-7

Formula: C₁₇H₁₃Cl₃N₄S

Molecular mass (lowest isotopes): 410,00 amu

Structure:



Ionisation: ESI +

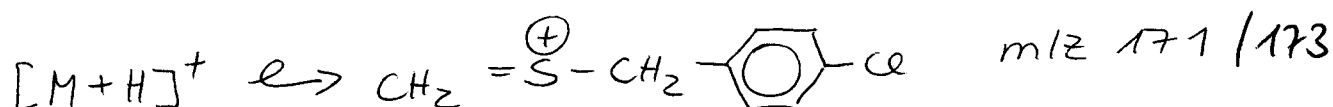
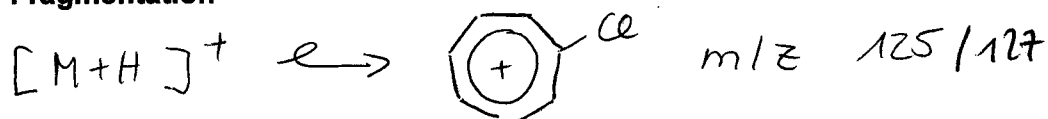
Quasimolecular ion: 411,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

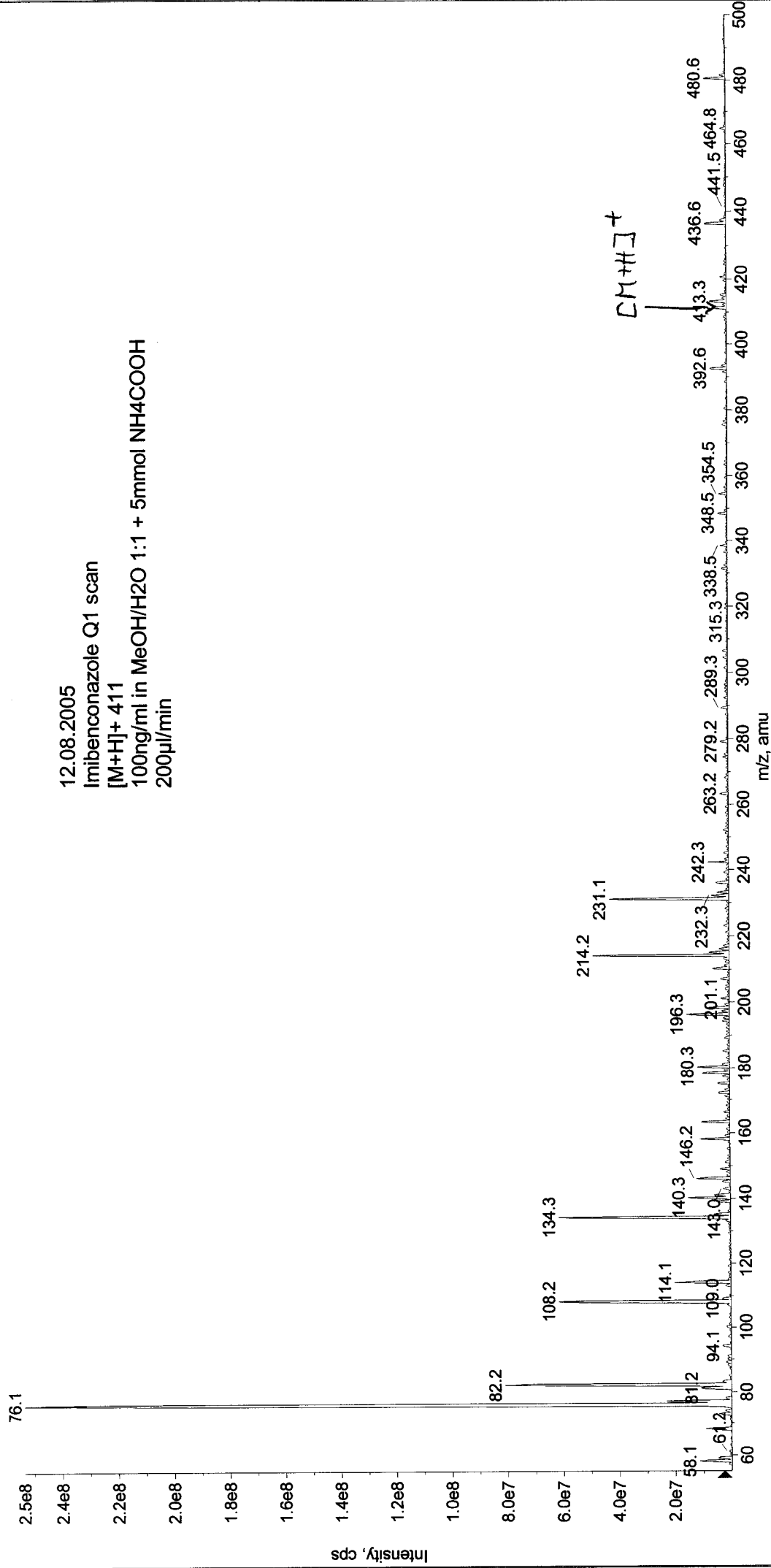
Transition	411,0 → 125,1	411,0 → 171,1
Declustering potential (DP) ^{*)}	74V	74 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	9,0 V	9,0 V
Collision cell entrance potential (CEP)	20 V	24 V
Collision energy (CE)	39 V	27 V
Collision cell exit potential (CXP)	6 V	10 V

^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050812091112.wiff (Turbo Spray) Max. 2.5e8 cps



Printing Time: 9:14:56

Printing Date: Friday, August 12, 2005

Acq. Time: 09:13

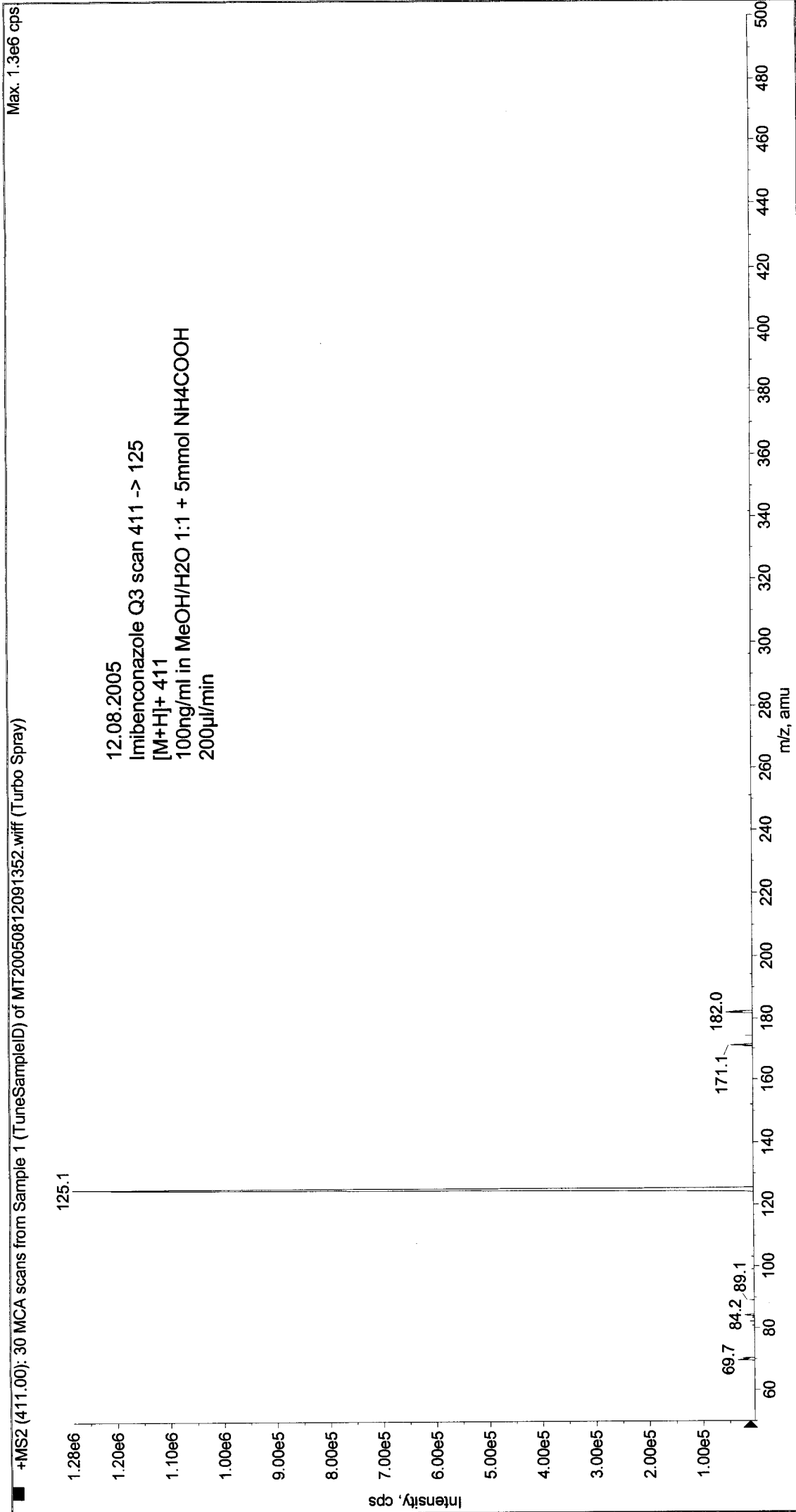
Acq. Date: Friday, August 12, 2005

Acq. File: MT20050812091352.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat



Printing Time: 9:16:06

Printing Date: Friday, August 12, 2005

Acq. Time: 09:15

Acq. Date: Friday, August 12, 2005

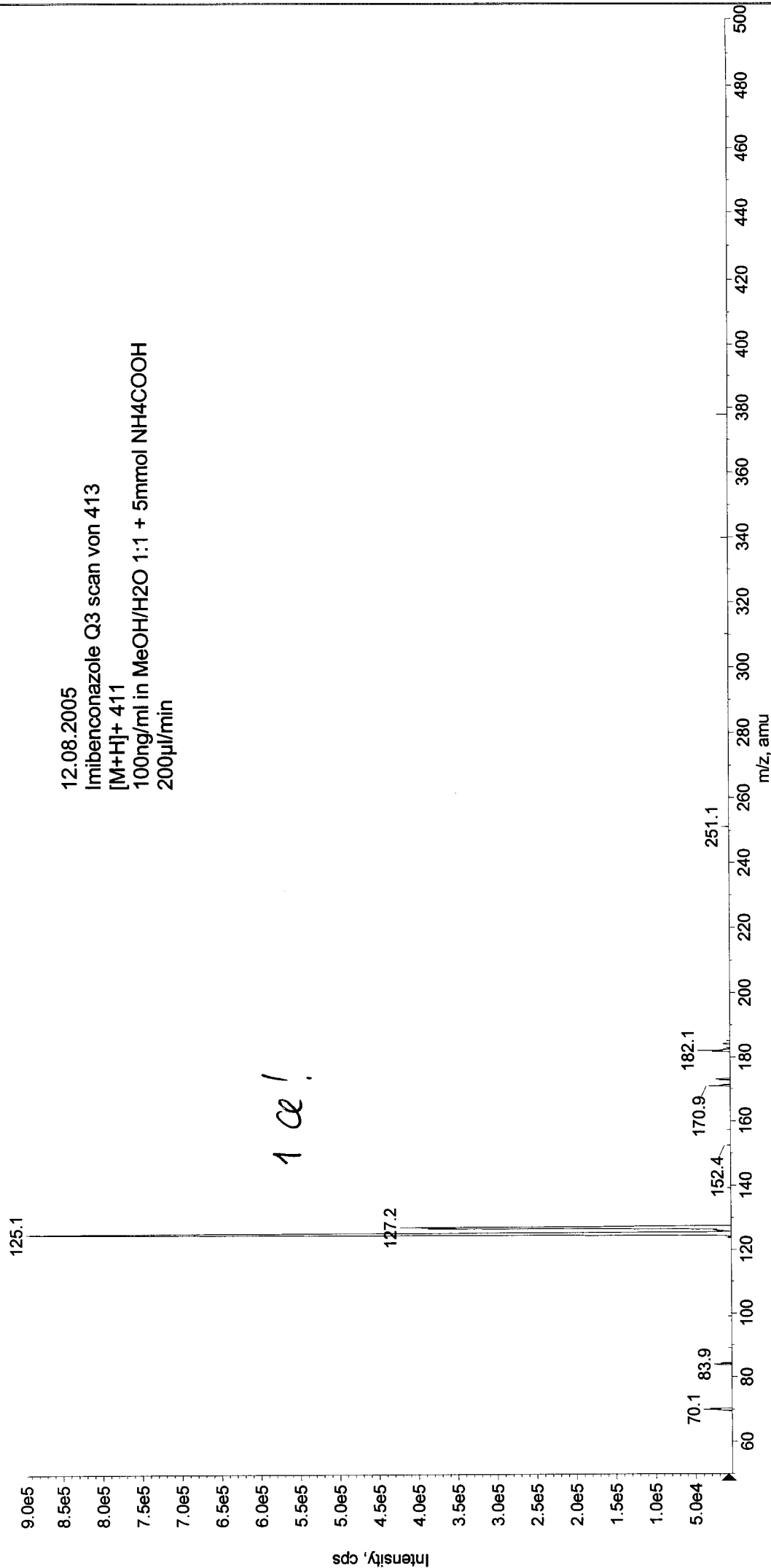
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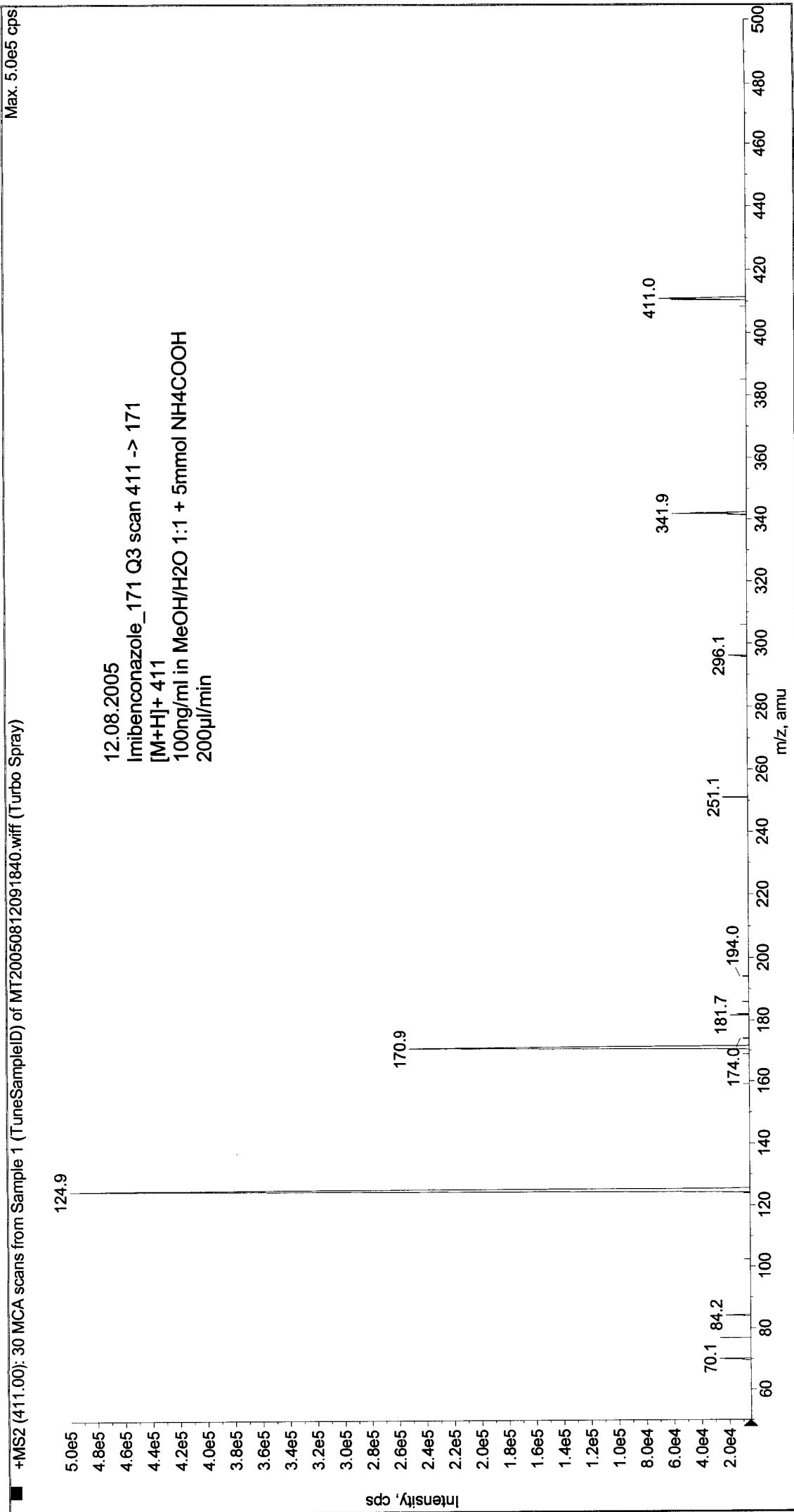
Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

+MS2 (413.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050812091509.wiff (Turbo Spray) Max. 9.0e5 cps





Printing Time: 9:21:10
Printing Date: Friday, August 12, 2005

Acq. Time: 09:20
Acq. Date: Friday, August 12, 2005
Acq. File: MT20050812092005.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

